

ABSTRACT

The present invention relates to a new process for the synthesis of racemic and
5 optically active bicalutamide starting from ethyl pyruvate and methyl methacrylate. The
present invention discloses processes of preparing bicalutamide intermediates including
ethyl-[2-{4-fluorophenyl sulfone}]-2-hydroxy propionate, 1,2-epoxy-2-methyl propionate
and 2-hydrox-2-methyl-3-(4-fluorophenylthio) propionic acid. The present invention
further discloses micronized *rac*-bicalutamide and the preparation thereof. The present
10 invention further discloses a new process for the isolation and purification of racemic and
optically active bicalutamide.

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